

CLAIM AMENDMENTS

1. (Previously Presented) A scenario analysis control system device comprising:
start-up reception means for accepting a periodic start-up;
scenario storage means for storing at least two text scenarios, each text scenario implementing a specific function and being comprised of control codes;
priority level definition storage means for storing, for each of the at least two text scenarios stored in said scenario storage means, a priority level and a quantity, representing the number of steps executable in response to a single start-up; and
scenario analysis processing means for, every time said start-up reception means accepts a start-up, determining which text scenario is to be executed next and which steps of a text scenario selected are to be executed according to priority levels stored in said priority level definition storage means, and for reading the steps to be executed from said scenario storage means and executing the steps to be executed.

2. (Previously Presented) The scenario analysis control system device according to Claim 1, wherein said scenario analysis processing means generates a source program based on the text scenario executed and data generated by execution of the text scenario.

3. (Previously Presented) The scenario analysis control system device according to Claim 1, further comprising scenario execution trace storage means for storing exclusive execution information for prohibiting execution of any other steps for each of the at least two text scenarios stored in said scenario storage means, wherein said scenario analysis processing means updates corresponding exclusive execution information stored in said scenario execution trace storage means according to one of an exclusive demand and an exclusive release demand included in a control code executed by the text scenario, and prohibits execution of any other steps when the corresponding exclusive execution information indicates an input of an exclusive demand.

4. (Previously Presented) The scenario analysis control system device according to Claim 1, further comprising scenario execution trace storage means for storing at least one break point for interrupting execution of a corresponding text scenario for each of the at least two text scenarios stored in said scenario storage means, wherein, when at least one break point is included in a control code executed by the text scenario or when receiving a break point release demand, said scenario analysis processing means writes the at least one break point into said scenario execution trace storage means or deletes all existing break points for

the text scenario from said scenario execution trace storage means, and interrupts the execution of the text scenario while the at least one break point is being written in said scenario execution trace storage means.

5. (Previously Presented) The scenario analysis control system device according to Claim 1, further comprising scenario execution trace storage means for storing step execution information for instructing said scenario analysis processing means to execute a corresponding text scenario, step-by-step, for each of the at least two text scenarios stored in said scenario storage means, wherein, when a step execution instruction is included in a control code executed by the text scenario or when receiving a step execution release demand, said scenario analysis processing means updates corresponding step execution information stored in said scenario execution trace storage means, and executes the text scenario, step-by-step, while the corresponding step execution information indicates an input of the step execution instruction.

6. (Previously Presented) A scenario analysis control system device comprising:
start-up reception means for accepting a start-up from an external program;
scenario storage means for storing at least two text scenarios, each text scenario implementing a specific function and being comprised of control codes;
priority level definition storage means for storing, for each of the at least two text scenarios stored in said scenario storage means, a priority level and a quantity, representing the number of steps executable in response to a single start-up from said external program;
event information storage means for storing, for each of at least two event identifiers, processing information indicating processing to be performed on external data and scenario identification information indicating one text scenario that is to be executed and is stored in said scenario storage means; and
scenario analysis processing means
for, every time said external program start-up reception means accepts a start-up from the external program, determining which text scenario is to be executed next and which steps of a text scenario selected are to be executed from the external program according to priority levels stored in said priority level definition storage means,
for reading the steps to be executed from said scenario storage means and
executing the steps to be executed,
for, when an event identifier and external data are input from the external

program, retrieving processing information and scenario identification information corresponding to the event identifier from said event definition storage means,
for processing the external data according to the processing information,
and
for reading one text scenario to be executed from said scenario storage means according to the scenario identification information, and executing the text scenario.

7. (Previously Presented) The scenario analysis control system device according to Claim 6, wherein said scenario analysis processing means generates a source program based on the text scenario executed and data generated by execution of the text scenario.

8. (Previously Presented) The scenario analysis control system device according to Claim 6, further comprising scenario execution trace storage means for storing exclusive execution information for prohibiting execution of any other steps for each of the at least two text scenarios stored in said scenario storage means, wherein said scenario analysis processing means updates corresponding exclusive execution information stored in said scenario execution trace storage means according to one of an exclusive demand and an exclusive release demand included in a control code executed by the text scenario, and prohibits execution of any other steps when the corresponding exclusive execution information indicates an input of an exclusive demand.

9. (Previously Presented) The scenario analysis control system device according to Claim 6, further comprising scenario execution trace storage means for storing at least one break point for interrupting execution of a corresponding text scenario for each of the at least two text scenarios stored in said scenario storage means, wherein, when at least one break point is included in a control code executed by the text scenario or when receiving a break point release demand, said scenario analysis processing means writes the at least one break point into said scenario execution trace storage means or deletes all existing break points for the text scenario from said scenario execution trace storage means, and interrupts the execution of the text scenario while the at least one break point is being written in said scenario execution trace storage means.

10. (Previously Presented) The scenario analysis control system device according to Claim 6, further comprising scenario execution trace storage means for storing step execution information for instructing said scenario analysis processing means to execute a

corresponding text scenario, step-by-step, for each of the at least two text scenarios stored in said scenario storage means, wherein, when a step execution instruction is included in a control code executed by the text scenario or when receiving a step execution release demand, said scenario analysis processing means updates corresponding step execution information stored in said scenario execution trace storage means, and executes the text scenario, step-by-step, while the corresponding step execution information indicates an input of the step execution instruction.

11. (New) The scenario analysis control system device according to claim 1, wherein said scenario analysis processing means executes a limited number of the steps to be executed, stops executing the steps of a first text scenario selected after the limited number is reached, selects a second text scenario of lower priority than the first text scenario selected, and executes a set of steps of the second text scenario.

12. (New) The scenario analysis control system device according to claim 6, wherein said scenario analysis processing means executes a limited number of the steps to be executed, stops executing the steps of a first text scenario selected after the limited number is reached, selects a second text scenario of lower priority than the first text scenario selected, and executes a set of steps of the second text scenario.

13. (New) The scenario analysis control system device according to claim 1, wherein the number of steps executable in response to a single start-up is the number of steps required to complete processing of the at least one text scenario.

14. (New) The scenario analysis control system device according to claim 6, wherein the number of steps executable in response to a single start-up is the number of steps required to complete processing of the at least one text scenario.